

Additional file 4. Genes in over-represented GO terms under Molecular Function

transcription regulator activity GO:0030528

AR|ARID1B|ASCL1|CREBBP|FOXP2|HD|MAML2|MAML3|MED12|MEF2A|MLL2|NCOA3|NCOA6|NCOR2|NFAT5|POU3F2|POU6F2|RUNX2|SATB1|SMARCA2|TBP|TFEB|VEZF1|ZNF384

transcription cofactor activity GO:0003712

ARID1B|CREBBP|HD|MAML2|MAML3|MED12|MEF2A|NCOA3|NCOA6|NCOR2|SMARCA2

transcription coactivator activity GO:0003713

ARID1B|CREBBP|MAML2|MAML3|MED12|MEF2A|NCOA3|NCOA6|SMARCA2

nucleic acid binding GO:0003676

AR|ARID1B|ARID3B|ASCL1|ATXN1|ATXN7|CACNA1A|CHERP|CIZ1|CREBBP|EP400|FOXP2|MEF2A|MLL2|NCOA6|NCOR2|NFAT5|PHC1|POLG|POU3F2|POU6F2|PRDM10|PRKCBP1|RAI1|RUNX2|SATB1|SMARCA2|TBP|TFEB|THAP11|TNRC4|TNRC6A|TNRC6B|VEZF1|ZNF384

DNA binding GO:0003677

AR|ARID1B|ARID3B|ASCL1|CACNA1A|CREBBP|EP400|FOXP2|MEF2A|MLL2|NCOA6|NCOR2|NFAT5|PHC1|POLG|POU3F2|POU6F2|PRDM10|PRKCBP1|RAI1|RUNX2|SATB1|SMARCA2|TBP|TFEB|THAP11|VEZF1|ZNF384

transcription factor binding GO:0008134

ARID1B|CREBBP|HD|MAML2|MAML3|MED12|MEF2A|NCOA3|NCOA6|NCOR2|SMARCA2|TBP